

SCHOLASTIC

SCIENCE WORLD

INDEX

NOTE: Letters give month (S-Sept.; O-Oct.; N-Nov.; D-Dec.; J-Jan.; F-Feb.; M-March; Ap-April; My-May). Number after hyphen gives page number (Example N13-7 means Nov. 13 issue, page 7). An asterisk means major article. The following abbreviations are used. Diagram (D); Doctor's Column (DC); Graph (G); Map (M); Science in the News (N); News Photo (NP); SW activities (SWa); The Way It Works (W); T refers to Teaching Guide. (See also May 11 issue)

A-B

ACID RAIN: Acid Rain Update (M) J6-13 "The Science of Saving the Statue of Liberty Mr16-8

ACTIVITIES: Skygazer Challenge—Find the Planets S2-12; Findor Camera: Build on What Aristotle Saw S16-28; Can You Spot the Sun's Rotation S30-12; Testing ESP O14-6; Make Your Own Magic—with Optical Illusions O26-2; Mapping Mountains N11-15; Periscope N25-19; Vanishing Memories D9-14; Anemometer J6-4; Earthquake Spotter F3-4; Make Your Own Glaciers F17-20; Earthquake Station Mr2-3; A Breath of Life: Tidal Volume Mr16-14; The Mystery of Emily's Whorl Mr30-6; On the Track of a Mystery Ap13-6; Early Warning System Ap27-10

AEROBIC EXERCISE: How Muscles Get Their Energy (DC) O14-4; Aerobic Dance (DC) O28-4; Hockey Team Keeps Fit (DC) O28-5

AFRICA: Famine (N) J6-11

AIR CUSHION VEHICLES: Way It Works Ap27-15

AGING: "Can We Live Longer? Mr2-14

AIR POLLUTION: Dirty-Air—How Dangerous? (DC) S30-10; Acid Rain Update J6-13; Olympic Athletes vs. Pollution (N) F17-12

AIRPLANES: Cross-Country Planes? (NP) S2-22

ALARMS: Early Warning System (SW activity) Ap27-10

ANABOLIC STEROIDS: "Drugs and Olympic Athletes Ap13-7

ANAEROBIC EXERCISE: How Our Muscles Get Their Energy (DC) O14-4

ANDERSON, DAVID LEIF: "Space Computers Reveal Earth's Secrets S2-26

ANEMOMETERS: Windy Warnings (SW activity) J6-4

ANIMAL RIGHTS: "Computers Save Lab Animals' Lives O28-6; Primate Protection (N) Mr30-10

ANIMALS: See also specific animal; "Computers Save Lab Animals' Lives O28-6; "Pets, Viruses and Your Health O28-10; Chart: Average Life Spans Mr2-16; "Symbiosis: How Animals and Plants Benefit Each Other Ap27-16

ANIMALS—BEHAVIOR: Females Protect Antelope Herds (N) N11-5; "Hibernation: Waiting Out the Big Chill of Winter J20-8; "The Science of Finding Your Way Around F17-22; Opossums and Poisons (N) Mr30-10; The Naked Mole Rat's Bizarre Behavior (N) Mr30-11

ANIMALS IN SPACE: "Ants in Space S16-7; Ant Astronaut Update (N) J20-14

ANOREXIA NERVOSA: "The Deadly Diet: Anorexia Nervosa and Bulimia (DC) S16-37

ANTELOPES: Females Protect Antelope Herds (N) N11-5; Darling Dik-Diks (N) Ap27-33

ANTHROPOLOGY: Fossilized Fossil of Oldest Human Ancestor (N) Mr2-7

ANTIBIOTICS: Antibiotic vs. Coconut Disease (N) S16-25

ANTI-CARIES VACCINES: "The Latest in Tooth Care ... or Can Going to the Dentist Really Be Fun? Ap13-14

ANTS: "Ants in Space S16-7; Ant Astronaut Update (N) J20-14

APPENDICITIS: Doctor's Column F3-10

APPETITE: "What Turns Appetite On and Off? N25-4

ARACHNIDS: See SPIDERS

ARCHEOLOGY: Oldest Human Ancestor (N) Mr2-7

ARCHITECTURE: R. Buckminster Fuller: 1895-1983 J6-9

ARTIFICIAL BLOOD: "Artificial Blood N11-8; "Rebuilding

the Human Body Mr16-22

ARTIFICIAL INTELLIGENCE: What Does It Mean? O14-23; Working on the Railroad: Combining Expert Knowledge and Artificial Intelligence F3-14

ARTIFICIAL PARTS (HUMAN BODY): Buying Time—Artificial Kidney (Way It Works) F17-14; "Rebuilding the Human Body Mr16-22

ARTIFICIAL SKIN: "Rebuilding the Human Body Mr16-22

ASBESTOS: "Fatal Fiber or Magic Mineral? Ap27-6

ASTEROIDS: Building It Better in Space S2-8

ASTRONOMY: Soap—in Outer Space? (N) O28-6; "Time Out" for Earth (N) N11-2; New Comet J6-16; "Black Holes F17-4; Dinning Light Pollution (N) Ap13-27

ATHLETES: "Drugs and Olympic Athletes Ap13-7

ATMOSPHERE: "The Van Allen Belts: Communication Highways of the Future O28-21; Earth's Wandering Poles O28-23; The Greenhouse Effect: Will the 1990's Be Hotter Than July? J6-10; Acid Rain Update J6-13; Is Earth Warming Up or Cooling Down? (N) Mr16-4

ATOMS: "What Do They Really Look Like? N25-24

BACTERIA: Life in Un-Earthly Heat (N) S2-22; "Bioluminescence: Nature's Living Lights My11-4

BAGGETT, JAMES A.: "Ants in Space S16-7; "The Lie Detector: Blood, Sweat and Fears? S16-27; "Why Has the Weather Been So Weird? S30-18; "Electrotherapy O14-11; "Engineering Disasters: The Hows and Whys O28-12; "Plants That Eat Animals N11-16; "Dinosaurs Ruled the Earth for 130,000,000 Years: Why Did They Die Out? N25-4; "Cocaine—More Dangerous Than You Think D9-8; "Hibernation: Waiting Out the Big Chill of Winter J20-8; "The Sweet Science of Chocolate F3-5; "Social Spiders F17-8; "Hydroponics: The Science of Growing Plants Without Soil Mr2-4; The Science of Saving the Statue of Liberty Mr16-8; "A Healthy Dose of Laughter (Is No April Fool's Joke) Mr30-7; "Astroblasts Blast Off At Space Camp! Ap13-28; "Asbestos: Fatal Fiber or Magic Mineral? Ap27-7; Bioluminescence: Nature's Living Lights My11-4

BATHYSCAPHES: Way It Works Mr30-16

BEARS: "Hibernation J20-8

BEAVERS: Busy Beavers Restore Stream (N) S30-5

BICYCLES: "Where You're the Engine: Super Bikes O14-20

"BIG BANG" THEORY: "Black Holes: Going Down the 'Cosmic Drain' Forever? F17-4

BIOLUMINESCENCE: "Nature's Living Lights My11-4

BIRDS: See specific bird

BLACK HOLES: Down the "Cosmic Drain" Forever? F17-4

BLOOD: "Artificial Blood N11-8; What Blood Does N11-10; Buying Time—Artificial Kidney (Way It Works) F17-14; Hemophilia Gene Found (N) Mr2-7; "Rebuilding the Human Body Mr16-22

BONE MARROW: "Rebuilding the Human Body Mr16-22

BONE MARROW: "Bubble Boy" J6-7

BOOMERANGS: "Why Do Boomerangs Boomerang? S30-13

BRAIN: "Rebuilding the Human Body Mr16-22

BRASS INSTRUMENTS (MUSIC): Brass Notes (Way It Works) N25-18

BREATHING: See RESPIRATION

BRIDGES: "Engineering Disasters: The Hows and Whys O28-12; Bridge Collapse—Were There Early Warnings? (N) N11-4; "Computers Help Keep Our Bridges Safe D9-6

BUDLONG, DALE: "Vitamins: When Too Much of a Good Thing Can Be Bad J20-4

BULIMIA: "The Deadly Diet: Anorexia Nervosa and Bulimia (DC) S16-37

BUTTERFLIES: Why Do They Visit Mud Puddles? (N) O28-7

C-D

CABLE TELEVISION: How Cable TV Lives "Dead Spots" (Way It Works) S16-30

CACAO BEANS: "The Sweet Science of Chocolate F3-5

CALORIES: Eat and Run? (N) O14-18

CAMOUFLAGe: Camouflaged Critters (Science Weird) Mr30-18

CAMPAIGNS, POLITICAL: Political Computers: Helpers on the Campaign Trail Mr2-18

CANCER: Fish Cancer (N) F17-13

CANNIBALISM: Cannibal Fireflies? (N) F3-9

CARNIVOROUS PLANTS: "Plants That Eat Animals N11-16

CAVITIES: Tea Helps Fight Cavities (N) F17-21; "The Latest in Tooth Care Ap13-14

CETACEANS: "Whales Ap13-4

CHETAHs: Chetahs in Trouble J6-12

CHOCOLATE: "The Sweet Science of Chocolate F3-5

CHOKING: Be a Licensaver (DC) N25-10

CIGARETTES: Low-Tar Cigarettes? Guess Again (N) N25-8

CIRCULATORY SYSTEM: "Artificial Blood N11-8; What Blood Does N11-10

CLIMATE: "Why Has the Weather Been So Weird? S30-18; Map: El Niño Current S30-19; Map: Trade Winds S30-21; Lizards for Dinner, Anyone? (NP) N11-6; The Greenhouse Effect: Will the 1990's Be Hotter Than July? J6-10; Is Earth Warming Up or Cooling Down? (N) Mr16-4

CLONING: "Cloning D9-27

CLOTHING: Space-Age Sportswear (N) S16-25

COCAINE: Hotline Ringing Off Hook D9-13; Chart: Physical Effects/Psychological Effects D9-13; "Cocaine—More Dangerous Than You Think D9-8; Graph: Characteristics of Recent Cocaine Users D9-10; Leaf-Chewers and Coca-Cola: The History of Cocaine D9-13

COCONUT TREES: Antibiotic vs. Disease (N) S16-25

COLOR: Black and White in Color (N) D9-4

COMETS: New Comet Found in 1983 J6-16

COMMUNICATIONS: "The Van Allen Belts: Communication Highways of the Future O28-21

COMMUNICATIONS SATELLITES: See SATELLITES

COMPUTER SECURITY: Computer Break-Ins: Can They Be Prevented? N11-24

COMPUTERS: "Space Computers Reveal Earth's Secrets S2-26; and see also CUSACK, MICHAEL

CONDORS: Condor Chick (NP) J6-12

CONTINENTAL DRIFT: "Earth's Inner Energy D9-15

COTTON: Macrophoto: Cotton Sheet O14-26

CRYSTALS: Building It Better in Space S2-8; Are No Two Snowflakes the Same? J20-27; Space Grows Super-Crystals (N) Mr16-5

CURRENTS: See OCEAN CURRENTS

CUSACK, MICHAEL: From Space Trips—Better Computers S16-18; Computers in Education: S30-23; O28-23; N25-75; J30-73; The Next Generation: What Will Computers of the 1990's Be Like? S30-6; Artificial Intelligence: What Does It Mean? O14-23; "Computers Save Lab Animals' Lives O28-6; Computer Break-Ins: Can They Be Prevented? N11-24; Predicting the Weather: Are Faster Computers the Answer? N25-12; "Computers Join Our Effort to Keep Our Bridges Safe D9-6; "Computers: Achievements of '83, Expectations of '84 J6-14; "Electronic Coaching and Other Uses of Computers in Sports J20-12; Working on the Railroad: Combining Expert Knowledge and Artificial Intelligence F3-14; Electronic Music: F17-28; Political Computers Mr2-18; "Computers Help Design New Flippers for Injured Sea Turtle Mr16-6; "Computers Battle Bugs Mr30-15; Computers in Control: Disney World/EPICOT Ap13-21; So You Want to Buy a Computer? Ap27-19; Supergames: My11-34

DENTAL HEALTH: Tea Helps Fight Cavities (N) F17-21; "The Latest in Tooth Care Ap13-14

DIABETES: Doctor's Column N11-36; "Rebuilding the Human Body Mr16-22

DIK-DIKS: Darling Dik-Diks (N) Ap27-16

DINOSAURS: Plumber Finds Dinosaur Claw (NP) S16-26;

SCHOLASTIC

SCIENCE WORLD

INDEX

NOTE: Letters give month (S-Sept.; O-Oct.; N-Nov.; D-Dec.; J-Jan.; F-Feb.; M-March; Ap-April; My-May). Number after hyphen gives page number (Example N13-7 means Nov. 13 issue, page 7). An asterisk means major article. The following abbreviations are used. Diagram (D); Doctor's Column (DC); Graph (G); Map (M); Science in the News (N); News Photo (NP); SW activities (SWa); The Way It Works (W); T refers to Teaching Guide. (See also May 11 issue)

A-B

ACID RAIN: Acid Rain Update (M) J6-13 "The Science of Saving the Statue of Liberty Mr16-8

ACTIVITIES: Skygazer Challenge—Find the Planets S2-12; Findor Camera: Build on What Aristotle Saw S16-28; Can You Spot the Sun's Rotation S30-12; Testing ESP O14-6; Make Your Own Magic—with Optical Illusions O26-2; Mapping Mountains N11-15; Periscope N25-19; Vanishing Memories D9-14; Anemometer J6-4; Earthquake Spotter F3-4; Make Your Own Glaciers F17-20; Earthquake Station Mr2-3; A Breath of Life: Tidal Volume Mr16-14; The Mystery of Emily's Whorl Mr30-6; On the Track of a Mystery Ap13-6; Early Warning System Ap27-10

AEROBIC EXERCISE: How Muscles Get Their Energy (DC) O14-4; Aerobic Dance (DC) O28-4; Hockey Team Keeps Fit (DC) O28-5

AFRICA: Famine (N) J6-11

AIR CUSHION VEHICLES: Way It Works Ap27-15

AGING: "Can We Live Longer? Mr2-14

AIR POLLUTION: Dirty-Air—How Dangerous? (DC) S30-10; Acid Rain Update J6-13; Olympic Athletes vs. Pollution (N) F17-12

AIRPLANES: Cross-Country Planes? (NP) S2-22

ALARMS: Early Warning System (SW activity) Ap27-10

ANABOLIC STEROIDS: "Drugs and Olympic Athletes Ap13-7

ANAEROBIC EXERCISE: How Our Muscles Get Their Energy (DC) O14-4

ANDERSON, DAVID LEIF: "Space Computers Reveal Earth's Secrets S2-26

ANEMOMETERS: Windy Warnings (SW activity) J6-4

ANIMAL RIGHTS: "Computers Save Lab Animals' Lives O28-6; Primate Protection (N) Mr30-10

ANIMALS: See also specific animal; "Computers Save Lab Animals' Lives O28-6; "Pets, Viruses and Your Health O28-10; Chart: Average Life Spans Mr2-16; "Symbiosis: How Animals and Plants Benefit Each Other Ap27-16

ANIMALS—BEHAVIOR: Females Protect Antelope Herds (N) N11-5; "Hibernation: Waiting Out the Big Chill of Winter J20-8; "The Science of Finding Your Way Around F17-22; Opossums and Poisons (N) Mr30-10; The Naked Mole Rat's Bizarre Behavior (N) Mr30-11

ANIMALS IN SPACE: "Ants in Space S16-7; Ant Astronaut Update (N) J20-14

ANOREXIA NERVOSA: "The Deadly Diet: Anorexia Nervosa and Bulimia (DC) S16-37

ANTELOPES: Females Protect Antelope Herds (N) N11-5; Darling Dik-Diks (N) Ap27-33

ANTHROPOLOGY: Fossil Footprints of Oldest Human Ancestor (N) Mr2-7

ANTIBIOTICS: Antibiotic vs. Coconut Disease (N) S16-25

ANTI-CARIES VACCINES: "The Latest in Tooth Care ... or Can Going to the Dentist Really Be Fun? Ap13-14

ANTS: "Ants in Space S16-7; Ant Astronaut Update (N) J20-14

APPENDICITIS: Doctor's Column F3-10

APPETITE: "What Turns Appetite On and Off? N25-4

ARACHNIDS: See SPIDERS

ARCHEOLOGY: Oldest Human Ancestor (N) Mr2-7

ARCHITECTURE: R. Buckminster Fuller: 1895-1983 J6-9

ARTIFICIAL BLOOD: "Artificial Blood N11-8; "Rebuilding

the Human Body Mr16-22

ARTIFICIAL INTELLIGENCE: What Does It Mean? O14-23; Working on the Railroad: Combining Expert Knowledge and Artificial Intelligence F3-14

ARTIFICIAL PARTS (HUMAN BODY): Buying Time—Artificial Kidney (Way It Works) F17-14; "Rebuilding the Human Body Mr16-22

ARTIFICIAL SKIN: "Rebuilding the Human Body Mr16-22

ASBESTOS: "Fatal Fiber or Magic Mineral? Ap27-6

ASTEROIDS: Building It Better in Space S2-8

ASTRONOMY: Soap—in Outer Space? (N) O28-6; "Time Out" for Earth (N) N11-2; New Comet J6-16; "Black Holes F17-4; Dimming Light Pollution (N) Ap13-27

ATHLETES: "Drugs and Olympic Athletes Ap13-7

ATMOSPHERE: "The Van Allen Belts: Communication Highways of the Future O28-21; Earth's Wandering Poles O28-23; The Greenhouse Effect: Will the 1990's Be Hotter Than July? J6-10; Acid Rain Update J6-13; Is Earth Warming Up or Cooling Down? (N) Mr16-4

ATOMS: "What Do They Really Look Like? N25-24

BACTERIA: Life in Un-Earthly Heat (N) S2-22; "Bioluminescence: Nature's Living Lights My11-4

BAGGETT, JAMES A.: "Ants in Space S16-7; "The Lie Detector: Blood, Sweat and Fears? S16-27; "Why Has the Weather Been So Weird? S30-18; "Electrotherapy O14-11; "Engineering Disasters: The Hows and Whys O28-12; "Plants That Eat Animals N11-16; "Dinosaurs Ruled the Earth for 130,000,000 Years: Why Did They Die Out? N25-4; "Cocaine—More Dangerous Than You Think D9-8; "Hibernation: Waiting Out the Big Chill of Winter J20-8; "The Sweet Science of Chocolate F3-5; "Social Spiders F17-8; "Hydroponics: The Science of Growing Plants Without Soil Mr2-4; The Science of Saving the Statue of Liberty Mr16-8; "A Healthy Dose of Laughter (Is No April Fool's Joke) Mr30-7; "Astroblasts Blast Off At Space Camp! Ap13-28; "Asbestos: Fatal Fiber or Magic Mineral? Ap27-7; Bioluminescence: Nature's Living Lights My11-4

BATHYSCAPHES: Way It Works Mr30-16

BEARS: "Hibernation J20-8

BEAVERS: Busy Beavers Restore Stream (N) S30-5

BICYCLES: "Where You're the Engine: Super Bikes O14-20

"BIG BANG" THEORY: "Black Holes: Going Down the 'Cosmic Drain' Forever? F17-4

BIOLUMINESCENCE: "Nature's Living Lights My11-4

BIRDS: See specific bird

BLACK HOLES: Down the "Cosmic Drain" Forever? F17-4

BLOOD: "Artificial Blood N11-8; What Blood Does N11-10; Buying Time—Artificial Kidney (Way It Works) F17-14; Hemophilia Gene Found (N) Mr2-7; "Rebuilding the Human Body Mr16-22

BONE MARROW: "Rebuilding the Human Body Mr16-22

BONE MARROW: "Bubble Boy" J6-7

BOOMERANGS: "Why Do Boomerangs Boomerang? S30-13

BRAIN: "Rebuilding the Human Body Mr16-22

BRASS INSTRUMENTS (MUSIC): Brass Notes (Way It Works) N25-18

BREATHING: See RESPIRATION

BRIDGES: "Engineering Disasters: The Hows and Whys O28-12; Bridge Collapse—Were There Early Warnings? (N) N11-4; "Computers Help Keep Our Bridges Safe D9-6

BUDLONG, DALE: "Vitamins: When Too Much of a Good Thing Can Be Bad J20-4

BULIMIA: "The Deadly Diet: Anorexia Nervosa and Bulimia (DC) S16-37

BUTTERFLIES: Why Do They Visit Mud Puddles? (N) O28-7

C-D

CABLE TELEVISION: How Cable TV Lives "Dead Spots" (Way It Works) S16-30

CACAO BEANS: "The Sweet Science of Chocolate F3-5

CALORIES: Eat and Run? (N) O14-18

CAMOUFLAGe: Camouflaged Critters (Science Weird) Mr30-18

CAMPAIGNS, POLITICAL: Political Computers: Helpers on the Campaign Trail Mr2-18

CANCER: Fish Cancer (N) F17-13

CANNIBALISM: Cannibal Fireflies? (N) F3-9

CARNIVOROUS PLANTS: "Plants That Eat Animals N11-16

CAVITIES: Tea Helps Fight Cavities (N) F17-21; "The Latest in Tooth Care Ap13-14

CETACEANS: "Whales Ap13-4

CHETAHs: Chetahs in Trouble J6-12

CHOCOLATE: "The Sweet Science of Chocolate F3-5

CHOKING: Be a Licensaver (DC) N25-10

CIGARETTES: Low-Tar Cigarettes? Guess Again (N) N25-8

CIRCULATORY SYSTEM: "Artificial Blood N11-8; What Blood Does N11-10

CLIMATE: "Why Has the Weather Been So Weird? S30-18; Map: El Niño Current S30-19; Map: Trade Winds S30-21; Lizards for Dinner, Anyone? (NP) N11-6; The Greenhouse Effect: Will the 1990's Be Hotter Than July? J6-10; Is Earth Warming Up or Cooling Down? (N) Mr16-4

CLONING: "Cloning D9-27

CLOTHING: Space-Age Sportswear (N) S16-25

COCAINE: Hotline Ringing Off Hook D9-13; Chart: Physical Effects/Psychological Effects D9-13; "Cocaine—More Dangerous Than You Think D9-8; Graph: Characteristics of Recent Cocaine Users D9-10; Leaf-Chewers and Coca-Cola: The History of Cocaine D9-13

COCONUT TREES: Antibiotic vs. Disease (N) S16-25

COLOR: Black and White in Color (N) D9-4

COMETS: New Comet Found in 1983 J6-16

COMMUNICATIONS: "The Van Allen Belts: Communication Highways of the Future O28-21

COMMUNICATIONS SATELLITES: See SATELLITES

COMPUTER SECURITY: Computer Break-Ins: Can They Be Prevented? N11-24

COMPUTERS: "Space Computers Reveal Earth's Secrets S2-26; and see also CUSACK, MICHAEL

CONDORS: Condor Chick (NP) J6-12

CONTINENTAL DRIFT: "Earth's Inner Energy D9-15

COTTON: Macrophoto: Cotton Sheet O14-26

CRYSTALS: Building It Better in Space S2-8; Are No Two Snowflakes the Same? J20-27; Space Grows Super-Crystals (N) Mr16-5

CURRENTS: See OCEAN CURRENTS

CUSACK, MICHAEL: From Space Trips—Better Computers S16-18; Computers in Education: S30-23; O28-23, N25-75; J30-73; The Next Generation: What Will Computers of the 1990's Be Like? S30-6; Artificial Intelligence: What Does It Mean? O14-23; "Computers Save Lab Animals' Lives O28-6; Computer Break-Ins: Can They Be Prevented? N11-24; Predicting the Weather: Are Faster Computers the Answer? N25-12; "Computers Join Our Effort to Keep Our Bridges Safe D9-6; "Computers: Achievements of '83, Expectations of '84 J6-14; "Electronic Coaching and Other Uses of Computers in Sports J20-12; Working on the Railroad: Combining Expert Knowledge and Artificial Intelligence F3-14; Electronic Music: F17-28; Political Computers Mr2-18; "Computers Help Design New Flippers for Injured Sea Turtle Mr16-6; "Computers Battle Bugs Mr30-15; Computers in Control: Disney World/EPICOT Ap13-21; So You Want to Buy a Computer? Ap27-19; Supergames: My11-34

DENTAL HEALTH: Tea Helps Fight Cavities (N) F17-21; "The Latest in Tooth Care Ap13-14

DIABETES: Doctor's Column N11-36; "Rebuilding the Human Body Mr16-22

DIK-DIKS: Darling Dik-Diks (N) Ap27-16

DINOSAURS: Plumber Finds Dinosaur Claw (NP) S16-26;

*Dinosaurs Ruled the Earth for 130,000,000 Years: Why Did They Die Out? N25-14; Dinosauria (NP) F3-9

DIOXIN: "A 'Forgotten' Waste Returns to Terrify S16-2; Map: Worst Toxic Dump Sites in U.S. S16-3; Chart: Toxic Wastes S16-6; Looking for Dioxin (N) J6-13

DISASTERS: *see* BRIDGES

DISNEY WORLD: Computers in Control Ap 13-21

DOCTOR'S COLUMN: Space Sick S2-24; Anorexia Nervosa and Bulimia S16-37; Dirty Air—How Dangerous? S30-16; How Our Muscles Get Their Energy O14-4; Aerobic Dance O28-4; Diabetes N11-36; Heimlich Maneuver N25-10; Keeping Warm in Winter Weather D9-23; Pain—Why Does It Hurt? J20-20; Appendicitis F3-10; Ultrasound F17-26; Video Games: Are They Hazardous to Your Health? Mr16-12

DOGS: *see* WILD DOGS

DONKEYS: "Zonkey" or "Zedonk"? (NP) F17-13

DROUGHT: Why Has the Weather Been So Weird? S30-18; map S30-19; Lizards for Dinner, Anyone? (N) N11-6

DRUG ABUSE: Cocaine Hotline Ringing Off Hook D9-23; Chart: Physical and Psychological Effects of Cocaine D9-23; "Cocaine: More Dangerous Than You Think D9-8; "Drugs and Olympic Athletes Ap13-7; Drug Use by High School Seniors Drops (N) Ap13-27

E-F

EARS: Rebuilding the Human Body Mr16-22

EARTH: "Time Out" for Earth (N) N11-4; "Earth's Inner Energy D9-15; Is Earth Warming Up or Cooling Down? (N) Mr16-4

EARTHQUAKES: Moon-Linked? (N) S16-26; Earthquake Lights (N) J20-19; Earthquake Spotter (S) Wactivity F3-4; Earthquake Station (S) Wactivity Mr2-3

ECHO CARDIOGRAPHY: Ultrasound in Medicine—Seeing Things with Sound You Can't Hear (DC) F17-26

ECOSYSTEMS: "Symbiosis Ap27-16

EL NIÑO CURRENT: "Why Has the Weather Been So Weird? S30-18; Map S30-19; Lizards for Dinner, Anyone? (NP) N11-6

ELECTRICITY: "Power of the Ocean Tides Mr30-12

ELECTRONIC MUSIC: Computers Compose, Perform, Teach and Even Sing F17-28

ELECTROPHORESIS: "Building It Better in Space S2-8

ELECTRORECEPTION: Electrical Fish Sound Pollution Alarms (N) D9-5

ELECTROTHERAPY: "Electrotherapy O14-11; Shocking Sick Cells Into Doughnuts (N) Ap13-24

EMBRYOLOGY: The Mystery of Emily's Whorl (S) Wactivity Mr30-6

EMPEROR PENGUINS: Happy Birthday, E.P. (NP) S2-22

ENVIRONMENT: "Dioxin: A 'Forgotten' Waste Returns to Terrify S16-2; Map: Worst Toxic Dump Sites in U.S. S16-3; Chart: Toxic Wastes S16-6; Dirty Air—How Dangerous? S30-16; Mice—Victims of Toxic Waste J6-11; Acid Rain Update (M) J6-11; Looking for Dioxin (N) J6-13; "Asbestos: Fatal or Magic Molecule? Ap 27-6

EPCOT CENTER: Computers in Control Ap13-21

ENDANGERED SPECIES: Pandas—Here Today, Gone Tomorrow? S30-9; Kestrels: Lucky to Be Alive (N) N25-9; Cheetahs in Trouble J6-12; Condor Clack (NP) J6-12; "Raptors Return—New Hope for America's Birds of Prey F3-11; It's a Dog's Life (N) Mr2-19; Primate Protection (N) Mr30-10

ENERGY: Fusion Power: Energy Source of the 21st Century? F3-2

ENGINEERING: "Engineering Disasters: The Hows and Whys O28-12; Bridge Collapse—Were There Early Warnings? (N) N11-4; "Computers Join the Effort to Keep Our Bridges Safe D9-6

ENTOMOLOGY: "Computers Battle Bugs Mr30-15

EROSION: Busy Beavers Restore Streams (N) S30-5

EXERCISE: How Our Muscles Get Their Energy (DC) O14-4; Eat and Run? (N) O14-14; Aerobic Dance—A Fun Way to Become Fit (DC) O28-4; Chart: Value of Various Exercises O28-4; Hockey Team Keeps Fit (DC) O28-5

EXPERIMENTS—ANIMALS: "Computers Save Lab Animals' Lives O28-8; Primate Protection (N) Mr30-10; Opossums and Poisons (N) Mr30-10

EXTRASENSORY PERCEPTION (ESP): Beyond the Senses: Testing ESP (S) Wactivity O14-6

EXTRATERRESTRIAL LIFE: "Is Anyone Out There? S2-2

EYES: Finding Sickness Through Your Eyes (N) N11-5; Safety Goggles Don't Protect Eyes (N) Ap13-24

FALCONS: *see* PEREGRINE FALCONS

FEATHERS: Macrophoto S25-23

FIBER OPTICS: Capturing Light With Fiber Optics (Way It Works) N11-7

FILM: Black and White in Color (N) D9-4

FIREFLIES: Cannibal Fireflies? (N) F3-9

FISH: Electrical Fish Sound Pollution Alarms (N) D9-5; Fish Cancer (N) F17-13

FISH SCALES: Macrophoto N11-38

FLEISCHER, DAVE: "Super Bikes O14-20; "Pets, Viruses and Your Health O28-16; "Artificial Blood N11-8; "Atoms: What Do They Really Look Like? N25-25

FLIES: *see* MOSQUITOES; Fruit Fly S16-32; Flies That Eat Toads (N) F3-8; Fruit Fly Fever (MP) M2-19; Macrophoto: White

Fly Nymphs Mr2-20

FOSSILS: Fossil Found of Oldest Human Ancestor (N) Mr2-7

FRITZ, SANDY: "The Van Allen Belts: Communication Highways of the Future? O28-21; "Mining the Oceans for Metals N11-33; "Earth's Inner Energy D9-15; "Robots J20-22; "Raptors Return—New Hope for America's Birds of Prey F3-11; "The Science of Finding Your Way Around F17-22; "Can We Live Longer? Mr2-14; "Life on Board the Space Shuttle Mr16-19; "Power from the Ocean Tides Mr30-12; "Drugs and Olympic Athletes, Ap13-7; "Symbiosis: How Animals and Plants Benefit Each Other Ap27-16; Venus: A Cloudy Planet Reveals Its Secrets My11

FROGS: Camouflaged Critters: Horned Frogs Mr30-18; Little Blue Frogs? (NP) My11

FRUIT FLIES: Macrophoto S16-32; Fruit Fly Fever (NP) Mr2-19

FULLER, R. BUCKMINSTER: Fuller: 1895-1983 J6-9

FUSION: Fusion: Energy Source for the 21st Century? F3-2

G-H

GENETIC ENGINEERING: "Cloning D9-27; Hemophilia Gene Found (N) Mr2-7

GENETICS: The Mystery of Emily's Whorl (S) Wactivity Mr30-6

GEOLOGY: Oldest Rocks Ever Found (N) O28-6; "Earth's Inner Energy D9-15

GERMANIUM SELENIDE: Space Grows Super-Crystals (N) Mr16-5

GERM-FREE ENVIRONMENT: "Bubble Boy" J6-7

GLACIERS: Make Your Own Glacier (S) Wactivity F17-20

GOGGLES: *see* SAFETY GOGGLES

GREENHOUSE EFFECT: Will the 1990's Be Hotter Than July? J6-10; Is Earth Warming Up or Cooling Down? (N) Mr16-4; "Venus: A Cloudy Planet Reveals Its Secrets M11

GROWTH (HUMAN): Graph: Average Normal Growth for Teens S16-38

HEALTH: *see* also DOCTOR'S COLUMN: MEDICINE; "Pets, Viruses and Your Health O28-16; Low-Tar Cigarettes? Guess Again (N) N25-8; "Vitamins: When Too Much of a Good Thing Can Be Bad (Chart) J20-7; "A Healthy Dose of Laughter Mr30-7

HEART: Ultrasound in Medicine (DC) F17-26; "Rebuilding the Human Body Mr16-22

HEAT: Life in Un-Earthly Heat (N) S2-23

HEIMLICH MANEUVER: What to Do When Someone Is Choking (DC) N25-10

HEMOPHILIA: Hemophilia Gene Found (N) Mr2-7

HIBERNATION: "Waiting Out the Big Chill of Winter J20-8

HOCKEY: Hockey Team Keeps Fit O28-5

HORNED FROGS: Camouflaged Critters Mr30-18

HORSEFLY LARVAE: Flies That Eat Toads (N) F3-8

HUMAN-POWERED VEHICLES (HPV): "Where You're the Engine: Super Bikes O14-20

HUNGER: "Your Appetite: What Turns It On and Off? N25-5

HURRICANES: Colorful Alicia (NP) D9-4

HYDROPONICS: "The Science of Growing Plants Without Soil Mr2-4

I-J-K-L

ICE: Nice Different "Ice" (N) N25-8; Are No Two Snowflakes the Same? J20-27; Ice Removal (Way It Works) F3-3

ICEHOUSE EFFECT: Is the Earth Warming Up or Cooling Down? (N) Mr16-4

IMMUNOLOGY: "Bubble Boy" J6-7; "Amazing" Death of the Bubble Boy (N) Ap27-32

INFRASTRUCTURE: "Engineers' Disasters: The Hows and Whys O28-12

INSECT CONTROL: "Computers Battle Bugs Mr30-15

INSECTS: *see* also specific insect: Radioactive Bees (N) D9-5; Macrophoto: Eggs F17-16

ION PROPULSION: Way It Works D9-31

IONOSPHERE: "The Van Allen Belts: Communication Highways of the Future O28-21

JET STREAM: "Why Has Weather Been So Weird? S30-18

JOINTS (HUMAN BODY): "Rebuilding the Human Body Mr16-22

KANGAROOS: Kangaroo with a Shoe (NP) F3-8

KATYDIDS: Camouflaged Critters Mr30-18

KESTRELS: Lucky to Be Alive (N) N25-9

KIDNEYS: Artificial Kidney (Way It Works) F17-14

KINBERG, JUDY-LYNN: "The Latest in Tooth Care Or... Going to the Dentist Really Be Fun? Ap13-14

KUSINITZ, MARC: "Our Future in Space! It Has Already Begun! S2-4; "Spacecraft: Research in Orbit S2-6; "Building It Better in Space S2-8; "Life in a Space Colony S2-10; "A Quick History of Space Exploration S2-18; "Dioxin: The 'Forgotten' Waste Returns to Terrify S16-2; "Your Appetite: What Turns It On and Off? N25-4; "Rebuilding the Human Body Mr16-22; "Danger: EDB My11

LANDSAT: "Space Computers Reveal Earth's Secrets S2-20; "Earth's Inner Energy D9-15

LAUGHTER: "A Healthy Dose of Laughter (Is No April Fool's Joke) Mr30-7

LEAP SECONDS: "Time Out" for Earth (N) N11-4

LEMURS: Baby Lemur (NP) Mr30-10

LEOPARDS: Snow Leopard Reveals Its Secrets (N) Mr2-8

LETHAL YELLOWING: Antibiotic vs. Coconut Disease

(N) S16-25

LIE DETECTORS: "The Lie Detector: Blood, Sweat and Tears? S16-27

LIFE EXPECTANCY: "Can We Live Longer? Mr2-14; Chart: Average Life Spans of Animals Mr2-16

LIGHT: Capturing Light with Fiber Optics N11-7

LIGHT POLLUTION: Dimming Light Pollution (N) Ap13-87

LIVER: "Liver Transplants—Why Are They Big News? S16-15; Main Functions of the Liver (D) S16-17

LOBSTERS: Color-Coded Lobsters? (N) O14-14

LORICIFERA: New Bug on the Block (N) F17-21

LOWER ANIMALS: Spiders Sensitive to Pain? (N) N11-6

LUXUSCONSUMPTION: Eat and Run? (N) O14-18

M-N

MC CLINTOCK, BARBARA: 1983 Nobel Prize for Medicine J6-8

MACROPHOTOGRAPHY: Fruit Fly S16-32; Shredded Wheat S16-44; Male Mosquito S30-26; Cotton Sheet O14-26; Salt Crystals O28-28; Fish Scale N11-38; Feather N25-23; Worm J6-18; Stress Pattern in Plastic F3-16; Insect Leaves F17-19; White Fly Nymphs Mr2-20; Velcro Mr16-30

MAGNETITE: "The Science of Finding Your Way Around F17-22

MAGNETOSPHERE: "The Van Allen Belts: Communication Highways of the Future O28-21; Earth's Wandering Poles O28-23

MAMMALS: *see* also specific species: The Naked Mole Rat's Bizarre Behavior (N) Mr30-11

MANNED MANEUVERING UNIT (MMU): Backpacking in Space (Way It Works) Ap13-13

MAP-MAKING: Mapping Mountains (S) Wactivity N11-15

MAPS: Worst Toxic Waste Dump Sites in U.S. S16-3; Where Giant Pandas Live S30-9; El Niño Current S30-19; Trade Winds S30-21; Controlling the Mississippi OT4-8, 9; West Coast Volcanoes O14-19; Acid Rain J6-13

MARINE LIFE: Loricifers: New Bug on the Block (N) F17-21; "Bioluminescence My11-6

MEDICINE: *see* also DOCTOR'S COLUMN: "Building It Better in Space S2-8; "Electrotherapy O14-11; Capturing Light with Fiber Optics N11-7; "Artificial Blood N11-8; 1983 Nobel Prize: Barbara McClintock J6-8

MEMBRANES: Treehoppers (S) Wactivity N11-31

MEMORY: Vanishing Memories (S) Wactivity D9-14

MERCURY: Ion Propulsion (Way It Works) D9-31

METAL DETECTORS: Way It Works S30-8

METALS: "Mining the Oceans for Metals N11-33

METEORITES: Meteorite from the Moon (N) S2-22

METEOROLOGY: "Why Has the Weather Been So Weird? S30-18; Map: El Niño Current S30-19; Trade Winds S30-21; Predicting the Weather: Are Faster Computers the Answer? N25-12

METRIC SYSTEM: New Measure for Meter J6-16

MINERALS: Soap—in Outer Space (N) O28-6; Why Do Butterflies Visit Mud Puddles? (N) O28-7

MISSISSIPPI RIVER: "Will the Mighty Mississippi Stop Out of Line? (M) O14-7

MOLE RATS: The Naked Mole Rat's Bizarre Behavior (N) Mr30-11

MONITOR (SHIP): Anchors Aweigh! (NP) J20-14

MOON: Meteorite from the Moon (N) S2-22; Earthquakes: Moon-Linked? (N) S16-26

MOSQUITOES: Macrophoto: Male Mosquito S30-26

MOSS CAROL M. "Modern Medicine Looks at an Ancient Mummy Mr30-4

MOTHS: Leaf-Mining Moth Larva (Science Weird) J20-30; Buff Tint Moth: Camouflage Critters (Science Weird) Mr30-18

MOTION SICKNESS: Space Sick (DC) S2-24

MULTIPLE BIRTHS: The Mystery of Emily's Whorl (S) Wactivity Mr30-6

MUMMIES: "Modern Medicine Looks at Mummy Mr30-4

MUSCLES: How Our Muscles Get Their Energy (DC) O14-4

MUSIC: Electronic Music: Computers Compose, Perform, Teach and Even Sing F17-28

MUSICAL INSTRUMENTS: Brass Notes (Way It Works) N25-18

NASA: *see* NATIONAL AERONAUTICS & SPACE ADMINISTRATION (NASA)

NAKED MOLE RATS: *see* MOLE RATS

NARCOTICS: Cocaine Hotline Ringing Off Hook D9-23; Chart: Physical and Psychological Effects of Cocaine D9-23; "Cocaine: More Dangerous Than You Think D9-8; Graph: Characteristics of Recent Cocaine Users D9-10; Leaf-Chewers and Coca-Cola: The History of Cocaine D9-13; Drug Abuse by High School Seniors Drops (N) Ap13-27

NATIONAL AERONAUTICS & SPACE ADMINISTRATION (NASA): 25th Anniversary J6-8

NATURAL TOXINS: Opossums and Poisons (N) Mr30-10

NERVOUS SYSTEM: "Rebuilding Human Body Mr16-22 1983: "The Year in Science J6-5

NOBEL PRIZE: Barbara McClintock: Medicine J6-8

NUCLEAR MAGNETIC RESONANCE (NMR): "The Latest in Tooth Care Ap13-14

NUCLEAR WAR: No Hope in an Atomic War Mr2-2

NUTRITION: "Vitamins: When Too Much of a Good Thing Can Be Bad J20-4; Vitamins Chart J20-7

O-P

OAK RIDGE, TN: Radioactive Bees? (N) D9-5
OCEAN CURRENTS: "Why Has the Weather Been So Weird?" S30-18; Map El Niño Current S30-19; Map: Trade Winds S30-21; Lizards for Dinner, Anyone? (NP) N11-4
OCEAN MINING: "Mining the Oceans for Metals N11-33
OCEAN TIDES: "Power of the Ocean Tides Mr30-12
OCEANOGRAPHY: Mapping the Sea Floor—with Sound (Way It Works) Mr2-13
OLD AGE: "Can We Live Longer?" Mr2-14
OLYMPIC GAMES: "Dolls and Olympic Athletes Ap13-7; Olympic Athletes vs Pollution (N) F17-12
OPOSSUMS: Opossums and Poisons (N) Mr30-10
OPTICAL ILLUSIONS: Make Your Own Magic (S(Wactivity) 028-2
ORIENTEERING: "The Science of Finding Your Way Around F17-22
PAINT: Why Does It Hurt? (DC) J20-20
PALEONTOLOGY: Plumber Finds Dinosaur Claw (NP) S16-26; "Dinosaurs Ruled the Earth for 130,000,000 Years: Why Did They Die Out? N25-14; Dinosauroids? (N) F3-9
PANDAS: "Here Today, Gone Tomorrow?" S30-9; Map: Where Giant Pandas Live S30-10
PENGUINS: Happy Birthday, E.P. (NP) S2-22
PEREGRINE FALCONS: "Raptors Return—New Hope for America's Birds of Prey F3-11
PERISCOPES: Looking Over the Top with a Periscope (S(Wactivity) N25-19
PESTICIDES: Fruit Fly Fever (NP) Mr2-19; Danger: EDB My11
PETS: "Pets, Viruses and Your Health 028-16; How to Care (Carefully) for Your Cat 028-18
PHYSICAL FITNESS: How Our Muscles Get Their Energy! (DC) 014-4; Eat and Run! (N) 014-18; Aerobic Dance—A Fun Way to Become Fit (DC) 028-4; Chart: Value of Various Exercises 028-4; Hockey Team Keeps Fit (NP) 028-5
PINHOLE CAMERAS: Build on What Aristotle Saw (S(Wactivity) S16-20
PITCHER PLANTS: "Plants That Eat Animals N11-16
PLANETARY SYSTEMS: Satellite Sights Infant Solar System (N) S30-4
PLANETS: Skygazer Challenge: (S(Wactivity) (N) S2-12; Satellite Sights Infant Solar System (N) S30-4 Venus: A Cloudy Planet Reveals Its Secrets My11
PLANTS: Antibiotic vs Coconut Disease (N) S16-25; "Plants That Eat Animals N11-16; Plants Served by "Bad Breath" (N) N25-9; "Hydroponics: The Science of Growing Plants Without Soil Mr2-4; "Symbiosis: How Animals and Plants Benefit Each Other Ap27-16
PLANTS—PROTECT/YN: Opossums and Poisons (N) Mr30-10
PLASTIC: Macrophoto: Stress Patterns in Plastic F3-16
POISONS: Opossums and Poisons (N) Mr30-10
POLES: Earth's Wandering Poles 028-23
POLYGRAPHY: "The Lie Detector: Blood, Sweat, and Tears" S16-27
PRIMATES: Primate Protection (N) Mr30-10
PROSTHESIS: Buying Time—Artificial Kidney (Way It Works) F17-14; "Rebuilding the Human Body Mr16-22
PROTECTIVE ADAPTATION: Trees That "Talk" to Each Other S2-23; Camouflaged Critters (Weird) Mr30-18
PROUJAN, CARL: Skygazer Challenge—Find the Planets S2-12; Space Olympics S2-17; Build on What Aristotle Saw S16-20; How Cable Lives TV "Dead Spots" S16-30; Hunting for Treasure with Metal Detectors S30-8; "Pandas—Here Today, Gone Tomorrow?" S30-9; Can You Spot the Sun's Rotation? S30-12; Beyond the Senses: Testing ESP 014-6; "Will the Mighty Mississippi Step Out of Line? 014-7; Steady Heat 014-10; Make Your Own Magic—With Optical Illusions 028-2; The Secrets of Sound Effects 028-3; Capturing Light with Fiber Optics N11-7; Mapping Mountains N11-15; Brassy Notes N25-18; Looking Over the Top with a Periscope N25-19; Vanishing Memories D9-14; On the Wings of Mercury D9-31; Anemometer: Windy Warnings J6-4; Winter "Whizzards" J20-26; Danger—Ice Ahead! F3-3; Earthquake Spotter F3-4; Artificial Kidney F17-14; Make Your Own Genetic F17-20
QUANTUM STATION: Mr2-3; Mapping the Sea Floor—with Sound Mr2-13; Exploring Beneath the Waves Mr16-11; A Breath of Life Mr16-14; The Mystery of Emily's Wheel Mr20-6; Six Miles Down: Bathyscaphe Mr30-16; On the Track of a Mystery Ap13-4; Backpacking in Space Ap13-13; Early Warning System Ap27-10; Air Cushion Vehicle Ap27-15; Growing Plants My11; Electric Bell My11
PUPILLOMETERS: Finding Sickness Through Your Eyes (N) N11-5

Q-R

QUARTZITE: Oldest Rocks Ever Found (N) 028-6
QUINTUPLETS: The Mystery of Emily's Whorl (S(Wactivity) Mr30-6
RADIO WAVES: Shocking Sickle Cells Into Doughnuts (N) Ap13-24
RADIOACTIVITY: Radioactive Bees? (N) D9-5
RAILROADS: Working on the Railroad: Combining Expert Knowledge and Artificial Intelligence F3-14
RATTNER, ROBERT: "Whales Ap13-4

RESEARCH LABORATORIES: "Computers Save Animals" Lives 028-4

RESPIRATION: A Breath of Life: Tidal Volume (S(Wactivity) Mr16-14
RIVERS: "Will the Mississippi Step Out of Line? (N) 014-7
ROBOTS: "Robots J20-22
ROCKS: Oldest Rocks Ever Found (N) 028-6
RODENTS: "Mice—Victims of Toxic Waste J6-11; The Naked Mole Rat's Bizarre Behavior (N) Mr30-15
SAFETY GOOGLES: Goggles Don't Protect Eyes (N) Ap13-24
SALT: Shaking Salt: More Than Just Habit (N) S30-4; Macrophoto 028-28; Why Do Butterflies Visit Mud Puddles? (N) 028-7
SAMZ, JANE: Is Anyone Out There? S2-2; "Closing D9-27; "Black Holes F17-4
SARSAT: see SATELLITES, COMMUNICATION
SATELLITES, COMMUNICATION: Space Olympics (Way It Works) S2-17; "Space Computers Reveal Earth's Secrets S2-20; Satellite Sights Infant Solar System (N) S30-4; "Earth's Inner Energy D9-15; Colorful Alicia (N) D9-4; Saved by a Satellite J6-6
SCIENCE WEIRD: Treeshoppers N11-31; Ogre-Faced Net-Casting Spider D9-34; Leaf-Mining Moth Larva J20-30; Camouflaged Critters Mr30-18; Whales Ap13-4
SCUBA DIVING: Exploring Beneath the Waves (Way It Works) Mr16-11
SEABED MINING: "Mining the Oceans for Metals N11-33
SEALANTS DENTALE: "The Latest in Tooth Care Ap13-14
SEASAT: "Earth's Inner Energy D9-15
SEEDS: You Can Study Space Seeds! (N) My11
SELENIUM: Plants Served by "Bad Breath" (N) N25-9
SENSES—ANIMALS: "The Science of Finding Your Way Around F17-22
SHIPS: Anchors Away: USS Monitor (NP) J20-14
SHREDDED WHEAT: Macrophoto S16-44
SICKLE CELL ANEMIA: Shocking Sickle Cells Into Doughnuts (N) Ap13-24
SKIN: "Rebuilding the Human Body Mr16-22
SKIS: Way It Works J20-26
SMOKING: Low-Tar Cigarettes? Guess Again (N) N25-8
SNOW LEOPARDS: Snow Leopard Reveals Its Secrets (N) Mr2-8
SNOWFLAKES: Are No Two Snowflakes the Same? J20-27
SOAP: Soap—in Outer Space? (N) 028-6; Why Do Butterflies Visit Mud Puddles? (N) 028-7
SODIUM: Shaking Salt—More Than Just Habit (N) S30-4; Soap—in Outer Space? (N) 028-6; Why Do Butterflies Visit Mud Puddles? (N) 028-7
SOLAR RINGS: Rings Around the Sun (NP) J20-19
SOLAR SYSTEM: Satellite Sights Infant Solar System (N) S30-4
SOLAR WINDS: "The Van Allen Belts: Communication Highways of the Future 028-21
SONAR: Mapping the Sea Floor—with Sound (Way It Works) Mr2-13
SOUND EFFECTS: Way It Works 028-3
SPACE: "Is Anyone Out There? S2-2; "Our Future in Space: It Has Already Begun! S2-4; "A Quick History of Space Exploration S2-18; "Space Computers Reveal Earth's Secrets S2-20; Space Sick (DC) S2-24; "Astronauts in Space S16-7; From Space—Better Computers S16-18; Space-Age Sportswear (N) S16-25; Soap—in Outer Space? (N) 028-6; NASA Celebrates Its 25th Anniversary J6-6; Ant Astronaut Update (N) J20-14; You Can Study Space Seeds! (N) My11
SPACE CAMPS: "Astroblitz at Space Camp! Ap13-28
SPACE COLONIES: "Our Future in Space: It Has Already Begun! S2-4; "Life in a Space Colony S2-10
SPACE INDUSTRIES: "Building It Better in Space S2-8
SPACE SHUTTLE: "Astronauts in Space S16-7; Ant Astronaut Update (N) J20-14; Space Groves Super-Crystals (N) Mr16-5; "Life on Board the Space Shuttle Mr16-19; Backpacking in Space (Way It Works) Ap13-13
SPACE TECHNOLOGY: "Space Computers Reveal Earth's Secrets S2-20; From Space Trips—Better Computers S16-18; Space-Age Sportswear (N) S16-25
SPACELAB: "Research in Orbit: S2-6
SPIDERS: Spiders Sensitive to Pain? (N) N11-4; Ogre-Faced Net-Casting Spider (Science Weird) D9-34; "Sociable Spiders F17-6
SPORTS AND COMPUTERS: "Electronic Coaching and Other Uses of Computers in Sports J20-12
SPORTS AND DRUGS: "Drugs and Athletes Ap13-7
STATUE OF LIBERTY: "The Science of Saving the Statue of Liberty Mr16-8
STEROIDS: "Drugs and Anabolic Steroids Ap13-7
STROKES: Ultrasound Medicine—Seeing Things with Sound You Can't Hear (DC) F17-26
SUBATOMIC PARTICLES: On the Track of a Mystery (S(Wactivity) Ap13-6
SUBMARINES: A Sub for One (N) S30-5
SUN: Can You Spot the Sun's Rotation? S30-12; Rings Around the Sun (NP) J20-19; "Black Holes: Going Down the "Cosmic Drain" Forever? F17-4
SUNDEW PLANTS: "Plants That Eat Animals N11-16
SWACTIVITIES: see ACTIVITIES
SYMBIOSIS: "How Animals and Plants Benefit Each Other Ap27-16

T-U

TEA: Tea Helps Fight Cavities (N) F17-21
TELEVISION: Satellites: Spruce Olympics S2-17; How Cable TV Lives "Dead Spots" S16-30; Black and White in Color (N) D9-4
TETRACYCLINE: Antibiotic vs Coconut Disease (N) S16-25
TEXTILES: Space-Age Sportswear (N) S16-25
THERMOSTATS: Steady Heat (Way It Works) 014-10
TIDAL POWER: "Power of the Ocean Tides Mr30-12
TIDAL VOLUME (RESPIRATION): A Breath of Life (S(Wactivity) Mr16-14
TIME: "Time Out" for Earth (N) N11-2
TOADS: Flies That Eat Toads (N) F3-8
TOPOGRAPHY: Mapping Mountains (S(Wactivity) N11-15
TORTOISES: Turtle on Wheels (NP) 028-6; The End for Jolopy (N) F17-13
TOXIC SHOCK SYNDROME: Unlocking Toxic Shock Genes J6-7
TOXINS: Opossums and Poisons (N) Mr30-10
TOXIC WASTES: see WASTES, TOXIC
TRACKS: On the Track of a Mystery: Subatomic Particles (S(Wactivity) Ap13-6
TRADE WINDS: see WINDS
TRANSPLANTATION OF ORGANS: "Liver Transplants—Why Are They Big News? (D) S16-15; "Rebuilding the Human Body Mr16-22
TREEHOPPERS: Science Weird N11-31
TREES: Trees That Talk to Each Other (N) S2-23; Antibiotic vs Coconut Disease (N) S16-25
TROUBLESHOOTERS: Working on the Railroad: Combining Expert Knowledge and Artificial Intelligence F3-14
TURTLES: Turtle on Wheels (NP) 028-6; The End for Jolopy (N) F17-13; "Computers Help Design New Flippers for Injured Sea Turtle Mr16-6
ULTRASOUND: In Medicine: Seeing Things with Sound You Can't Hear (DC) F17-26
UNIVERSE: "Black Holes: Going Down the "Cosmic Drain" Forever? F17-4

V-W-X-Y-Z

VAN ALLEN BELTS: Communication Highways of the Future? 028-21; Earth's Wandering Poles 028-23
VECTORS: "Where You're the Engine: Super Bikes 014-20
VEGETABLES: "Hydroponics: The Science of Growing Plants Without Soil Mr2-4
VELCRO: Macrophoto Mr16-30
VENUS: A Cloudy Planet Reveals Its Secrets My11
VENUS-FLYTRAPS: "Plants That Eat Animals N11-16
VIDEO GAMES: Are They Hazardous to Your Health? (DC) Mr16-12
VIRUSES: "Pets, Viruses and Your Health 028-16
VITAMINS: "When Too Much of a Good Thing Can Be Bad J20-4; Chart J20-7
VOLCANOES: Danger Volcano! (NP) S2-23; "Why Has the Weather Been So Weird? S30-18; Volcanoes to Keep an Eye On (N) 014-19
WASTES, TOXIC: "Dioxin: A "Forgotten" Waste Returns to Terrify S16-2; Map: Worst Toxic Dump Sites in U.S. S16-3; Chart: Toxic Wastes S16-6; Mice—Victims of Toxic Waste J6-11; Looking for Dioxin (N) J6-13
WATER POLLUTION: Electrical Fish Sound Pollution Alarms (N) D9-5; Fish Cancer (N) F17-13
WAY IT WORKS: Satellite TV S2-17; How Cable TV Lives "Dead Spots" S16-30; Metal Detectors S30-8; Steady Heat 014-10; Sound Effects 028-3; Fiber Optic N11-7; Brass Instruments N25-18; Ion Propulsion D9-31; Stain J20-28; Ice Removal F3-3; Mapping the Sea Floor—with Sound Mr2-13; Scuba: Exploring Beneath the Waves Mr16-11; Bathyscaphe: Six Miles Down Mr30-16; Backpacking in Space Ap13-13; Air Cushion Vehicle Ap27-15
WEATHER: "Why Has the Weather Been So Weird? S30-18; Map: El Niño Current S30-19; Map: Trade Winds S30-21; Lizards for Dinner, Anyone? (NP) N11-4; Predicting the Weather: Are Faster Computers the Answer? N25-12; Colorful Alicia (NP) D9-4; Keeping Warm in Winter (DC) D9-23; Greenhouse Effect: Will the 1990's Be Hotter than J6-10; Is Earth Warming Up or Cooling Down? (N) Mr16-4
WEIGHT: Graph: Average Normal Growth for Teens S16-36
WEISS, MALCOLM: "Why Do Boomerangs Boomerang? S30-13
WHALES: "Whales Ap13-4
WILD DOGS: It's a Dog's Life (N) Mr2-19
WIND: Anemometer (S(Wactivity) J6-4
WIND CHILL FACTOR: Keeping Warm in Winter Weather (D) DC) D9-23
WINDS: "Why Has the Weather Been So Weird? S30-18; Map: Trade Winds S30-21
WINTER: Keeping Warm in Winter Weather D9-23; "Hibernation: Waiting Out the Big Chill of Winter J20-8
WOLVES: It's a Dog's Life (N) Mr2-19
WORMS: Macrophoto: Schisto soma mactsoni J6-18
XERORADIOGRAPHY: "The Latest in Tooth Care Or...Can Going to the Dentist Really Be Fun? Ap13-14
YOUNG, M. JEAN: "Liver Transplants—Why Are They Big News? S16-15
ZEBRAS: "Zonkey" or "Zedonk"? (NP) F17-13

